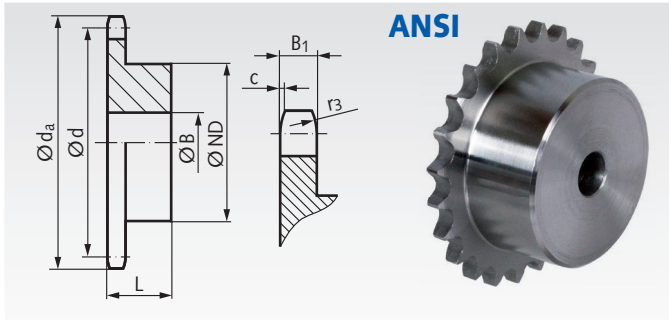


## Sprockets KRS with One-Sided Hub, ANSI 50-1



**Material:** Steel C45, not hardened.  
Pre-bored.

Ordering Details: e.g.: Product No. A10610900, KRS, ANSI 50-1, 9 Teeth

### ANSI 50-1 (ASA 10 A-1), Pitch 5/8"

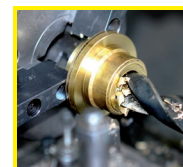
$B_1 = 9.0 \text{ mm}$ ,  $c = 2.0 \text{ mm}$ ,  $r_3 = 17 \text{ mm}$

Product No.	Number of teeth	$d_a$ mm	$d$ mm	ND mm	B mm	L mm	Weight kg
A106 109 00	9	52,7	46,42	30	10	25	0,174
A106 110 00	10	57,8	51,37	35	10	25	0,230
A106 111 00	11	62,9	56,35	37	12	30	0,303
A106 112 00	12	68,0	61,34	42	12	30	0,384
A106 113 00	13	73,1	66,33	47	12	30	0,474
A106 114 00	14	78,1	71,34	52	12	30	0,574
A106 115 00	15	83,2	76,35	57	12	30	0,682
A106 116 00	16	88,3	81,37	60	12	30	0,770
A106 117 00	17	93,3	86,39	60	12	30	0,814
A106 118 00	18	98,4	91,42	70	14	30	1,02
A106 119 00	19	103,5	96,45	70	14	30	1,07
A106 120 00	20	108,6	101,48	75	14	30	1,22
A106 121 00	21	113,6	106,51	75	16	30	1,26
A106 122 00	22	118,7	111,55	80	16	30	1,42
A106 124 00	24	128,8	121,62	80	16	30	1,55
A106 125 00	25	133,9	126,66	80	16	30	1,61
A106 126 00	26	138,9	131,70	85	20	35	1,97
A106 127 00	27	144,0	136,74	85	20	35	2,05
A106 128 00	28	149,0	141,79	90	20	35	2,26
A106 130 00	30	159,1	151,87	90	20	35	2,42
A106 132 00	32	169,3	161,96	95	20	35	2,74
A106 133 00	33	174,3	167,01	95	20	35	2,83
A106 134 00	34	179,4	172,05	95	20	35	2,92
A106 135 00	35	184,4	177,10	95	20	35	3,02
A106 136 00	36	189,5	182,15	100	20	35	3,27
A106 138 00	38	199,6	192,24	100	20	35	3,48
A106 140 00	40	209,7	202,33	100	20	35	3,69

### Use of alternative Sprockets 10 B-1

Chains ANSI 50 (ASA 10 A-1) have identical roller diameters 10.16 mm like chains 10 B-1, but the width is a little bit different. At sprockets 10 B-1, the tooth width is 0.1mm larger and the chamfers are a little bit smaller. At the most common mounting position (chain lines horizontal or slightly inclined and chain rollers horizontal), sprockets 10 B-1 can be used with ANSI chains 50-1 (ASA 10 A-1) without reworking the teeth. This is often done, but does not comply with the requirements of DIN ISO 606. So it is the responsibility of the user.

In the MAEDLER assortment, there are sprockets 10 B-1 in many designs. From stainless steel: KRR with hub. From steel: KRF, hardened, ready-to-mount with custom bore and keyway and setscrew threads; KRT for taper bush; KRTG, hardened for taper bush; KRG hardened, with hub; KRS with hub and plate wheels KRL without hub.



**Reworking within  
24h-service possible.  
Custom made parts  
on request.**